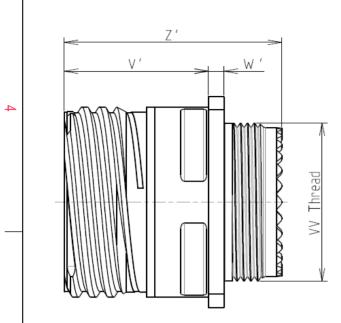
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Keying Shown as example

## CHARACTERISTICS

-Salt Spray

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-Standard : Based on MIL-DTL-38999 Series III

-Shell Material : Composite -Shell Plating : Nickel -Insulator : Thermoplastic : Copper Alloy -Contacts : Silicon Elastomer -Seals & Grommet -Contact Plating : Gold over copper Alloy 0.8µm minimum -Durability : 500 Mating cycles -Delivered with Souriau contacts and Accessories : -65°C to +200°C -Temperature Range

: 2000 hours

Connector dimension Nominal Dim 3.25±0.2 Р 5.49±0.2 PP R1 18.26 R2 15.09 S 23.8±0.3 19.5+1.4/-0 ۷' W' 2.1/3.65 32 Max Z' VV THREAD M12x1-6g

due to a use of the Products the Specifications issued by either (professional recomment Cour F PN: 8D009 03-10-2016 First Release А ISS DATE Latest modification - by Designed By: Date:

|   |  |                                   | TITLE   | Composite                     |
|---|--|-----------------------------------|---------|-------------------------------|
| 1 | BASIC SERIES: 8D 0 - 09 M 35   SHELL TYPE : Square Flange Receptacle | НВ                                | SCALE   | General linear<br>Tolerances: |
|   | CONTACT TYPE : Standard Crimp Contact                                | ORIENTATION : B                   | SOURIAU | WWW.SOURIAU.C                 |
|   | SHELL SIZE : 09  | CONTACT TYPE : PIN (1500 Matings) | 5001170 |                               |
|   | PLATING : M = Nickel   | CONTACT LAYOUT : 09-35            | FORMAT  | SOURIAU                       |
|   |  |                                   | A3      | 8D009M                        |
|   | H G F  | =   E                             | D       | C                             |

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|   |                                    |        |                          |        |        | 4 |
| LAY   | OUT SHOWN AS EX                    | CAMPLE |                          |        |        | 3 |
| SOURIAU shall not be liable for any non-conformity or damage<br>due to a use of the Products which does not comply with<br>the Specifications issued by either of the Parties or by a third party<br>(professional recommendation, technical notice.)<br>Country Jurisdiction & Control List<br>FR Not Listed<br>PN: 8D009M35HB |                                    |        |                          |        |        | 2 |
| st Release  |                                    |        |                          |        |        |   |
| Latest modificatio<br>Date:   | n - by                             |        | CUSTOMER D               | RAWING | MOD N° |   |
| Composite Receptacle 8D series  |                                    |        |                          |        |        |   |
| $] \bigoplus$   | General linear<br>Tolerances:<br>± |        | NPRDS / PF<br><b>859</b> |        |        | 1 |
| WWW.SOURIAU.COM   This document is the property of SOURIAU     it must not be reproduced or communicated without permission   |                                    |        |                          |        |        |   |
|   |                                    |        | SHEET<br>1/2             |        |        |   |
| С   |                                    | B      |                          | A      | -      |   |
|   |                                    |        |                          |        |        |   |

|          |  | ۵  | <del>ات</del> | m |                         | 0   |
|----------|--|--|---------------|---|-------------------------|---|
|          |  | Contact Layout   |               |   |                         | Panel Cutor   |
| 4        |  | $s \bigoplus \bigoplus^{1}$<br>$s \bigoplus \bigoplus^{1}$<br>$s \bigoplus \bigoplus^{2}$<br>$s \bigoplus \bigoplus^{2}$<br>$s \bigoplus \bigoplus^{2}$<br>$s \bigoplus \bigoplus^{2}$<br>Contacts |               |   | ħ                       | SQUARE FLANGE RECEPTACLE (TYPE 0)<br>REAR MOUNTING  |
|          | Com<br>posit<br>ID<br>1<br>2<br>3<br>3<br>4<br>4<br>5<br>6<br>6<br>(Applicab | + 0.45 (1.14) + 0.78 (1.98)<br>+ 0.78 (1.98) - 0.45 (1.14)<br>+ 0.00 (0.00) - 0.90 (2.29)<br>- 0.78 (1.98) - 0.45 (1.14)<br>- 0.45 (1.14) + 0.78 (1.98)  |               |   | 1<br>22                 |   |
|          | Shell Arrangement Numb<br>size no. conta<br>9 -35 6                          | er of Size Service Contact Supersedes<br>acts contacts rating location   | ]             |   |                         | Dim   |
| ယ        |  |  |               |   |                         | ØA<br>ØAA<br>R1<br>ØT   |
|          |  |  |               |   |                         |   |
|          |  |  |               |   |                         | SOURIAU shall not be liable for an<br>due to a use of the Products wh<br>the Specifications issued by either o<br>(professional recommendat |
| 23       |  |  |               |   |                         | PN: 8D009N  |
|          |  |  |               |   | A 03-10-                | 2016 First Release  |
|          |  |  |               |   | ISS DAT<br>Designed By: | E Latest modification - by<br>Date:   |
|          |  |  |               |   | SCALE                   | Composite<br>General linear   |
| <u> </u> |  |  |               |   | NA                      | Tolerances:   |
|          |  |  |               |   | SOURI                   | WWW.SOURIAU.C   |
|          |  |  |               | _ | FORMAT<br>A3            | SOURIAU<br>8D009M   |
|          | Н  | G  | F             | E | D                       | C   |

